

**Abstract**

Packaging system having a tool for enclosing electronic components, and method of populating a carrier tape

The invention relates to a packaging system having a tool (4) for inserting electronic components (10) into a carrier tape (6), which has passage openings (63). The tool has a pick-up device (41) to pick up the components from a carrier film (81) and position them in the passage openings by means of a lifting movement. The packaging system (2) has a guide plate (21) for the linear sliding conveyance of the carrier tape populated with electronic components (10), and in each case devices for applying upper and lower cover films (64, 65) to the carrier tape. The invention additionally relates to a method of populating the carrier tape with electronic components.

[Figure 2]